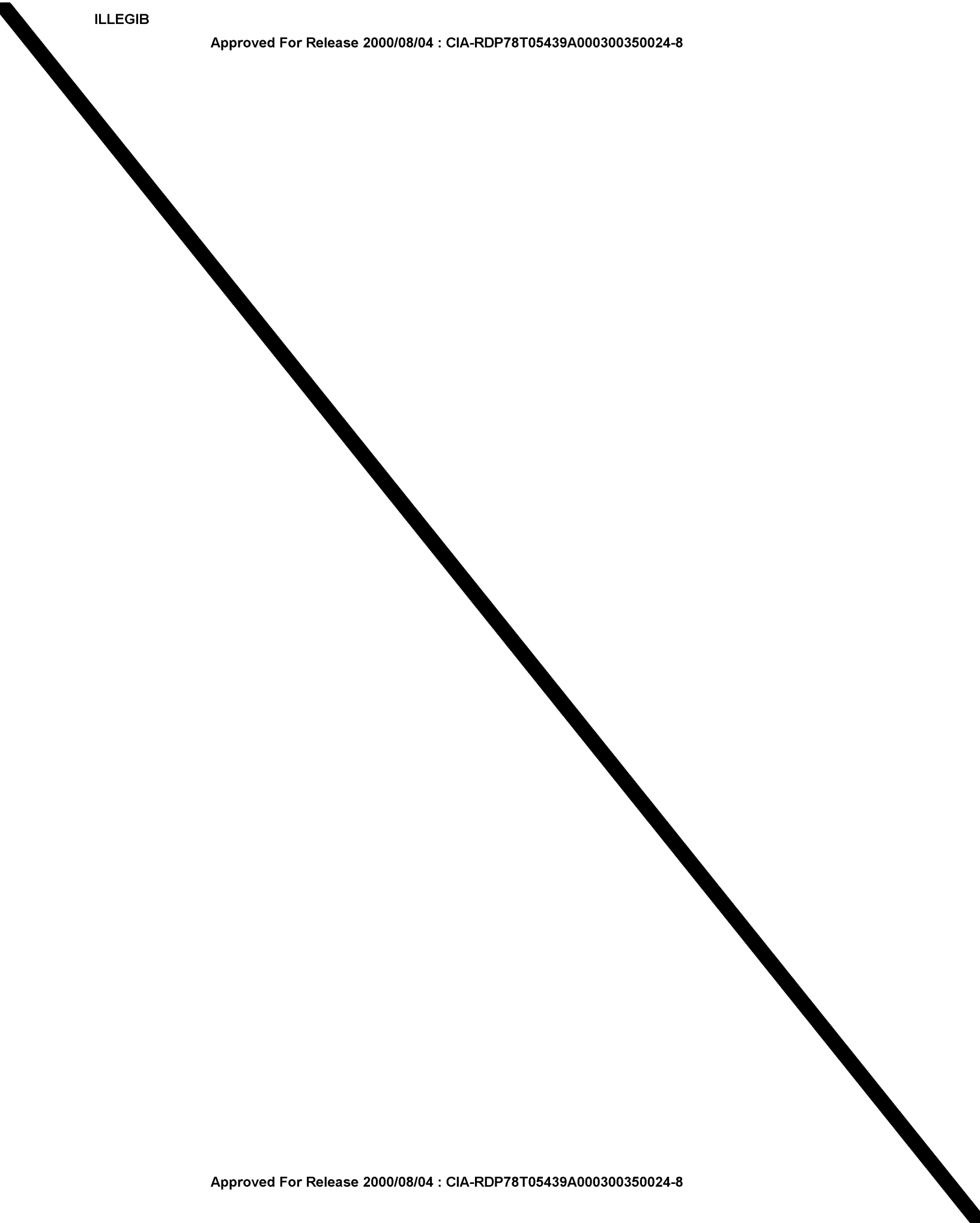

Approved For Release 2000/08/04 : CIA-RDP78T05439A000300350024-8

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NOFORN [redacted] 25X1C

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PIC/JB-1001/61

January 1961

JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF

RHOMBIC ANTENNA SITE

KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR

ARMY NAVY CIA

Published and Disseminated by

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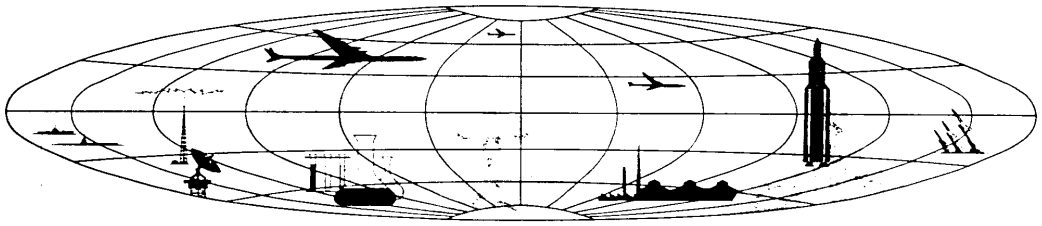

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NOFORN [redacted] 25X1C

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RHOMBIC ANTENNA SITE

KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR

A rhombic antenna site under construction has been identified on 25X1D [redacted] photography of the Kapustin Yar/Vladimirovka Missile Test Center. The site is situated at 48-35N 46-13E, near Launch Complex "C" (see referenced document). At the time of photography, it consisted of emplacements for two day and two night rhombic antennas. The following dimensions have been obtained by projecting the final position of each mast as evidenced by its anchor positions.

25X1D

Antenna No & Type	Major Axis (ft)	Minor Axis (ft)	Distance Between End Poles (ft)	Leg (ft)
1 (Night)	705	440	70	400
2 (Day)	425	275	65	235
3 (Day)	445	255	75	240
4 (Night)	705	450	90	395

[redacted]

The above dimensions approximate the structural characteristics for the Russian 65 4/1 double-rhombic antenna, which is designed for use at distances over 1,500 kilometers. This factor, coupled with the concurrent construction nearby of the two largest pads at Kapustin Yar, [redacted] 25X1B

[redacted]

25X1B

REFERENCES

25X1D [redacted]

MAPS or CHARTS

ACIC. USAF Global Navigation and Planning Chart, GNC 5 (Central Asia), 1st ed rev, May 59, scale 1:5,000,000 (U)

DOCUMENT

CIA. PIC/JB-1016/60, Missile Test Center, Kapustin Yar/Vladimirovka, USSR, 1 Dec 60, (S/NOFORN [redacted] 25X1C

25X1C [redacted]